



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07078112 A**(43) Date of publication of application: **20.03.1995**(51) Int. Cl. **G06F 13/00**

H04L 12/02, H04L 29/02

(21) Application number: **05223550**(22) Date of filing: **08.09.1993**(71) Applicant: **HITACHI LTD**

(72) Inventor: **MURAYAMA HIDEKI**  
**YOSHIZAWA SATOSHI**  
**INAI HIDENORI**  
**AIMOTO TAKESHI**  
**HAYASHI TAKEHISA**  
**IWAMOTO HIROSHI**

(54) **NETWORK SYSTEM AND COMMUNICATION METHOD FOR NETWORK**

## (57) Abstract:

**PURPOSE:** To provide a simple and inexpensive means capable of continuously storing only received data in a storage area by dividing received data in a packet into two parts or more and transferring respective divided data to prescribed storage areas in a network constituted of connecting plural information processing system.

**CONSTITUTION:** A computer node 1101 to be an example of an information processing system constituting a network has a processor 1102, a memory 1103 and a network adaptor 1110. The adaptor 1110 is provided with a multi-queue DMA control part 1111, a receiving buffer 1112, a transmitting buffer 1113, a network receiving part 1114, and a network transmitting part 1115. The control part 1111 selects a queue for transferring data in a packet out of a multi-queue stored in the memory 1103 based upon information in-

cluded in a received packet stored in the buffer 1112, divides the data in the packet and transfers the divided data to prescribed storage areas.

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